

INTERCOM COMMUNICATION

Integral component within iProtect™

Intercom over IP in iProtect™

With the iProtect™ Security Management System, Keyprocessor BV is offering an integrated security solution for access controls, camera surveillance, intrusion detection, people protection, parking management and time and attendance. In the iProtect™ release 7.02 Keyprocessor has integrated the Commend Intercom system so that is a great deal of new (security) functionalities which can be integrated and managed centrally.



Commend Intercom

The intercom installations from Commend are some of the best intercom installations in the world. They are marked out by their professional design, long life expectancy, innovative solutions and excellent sound quality.

Applications

Many major projects around the globe become involved with the Commend brand. This enables us to provide solutions for many challenging projects, which leads to international attention and acclaim. A particular application for an integrated intercom installation is

a parking system where the in- and out terminals and payment machines are equipped with an intercom post. In Keyprocessor's supply program there are also intercom posts for use where regulations play an important role.



An example of this is the medical sector where the intercom could be located in an operating- or clean room. But also for industry – similar posts can be used in factories where volume and audibility is difficult due to the surrounding noise levels.

Total solutions are offered for office buildings and companies, but also consider public areas such as train- and metro stations or government buildings where intercoms are necessary for delivery areas or access to the car park, for example.

Intercom functionality

In addition to uses of extra posts, the intercom solutions from Keyprocessor are also eminently suitable for multi-site solutions where a connection during absence is easily achieved. It is also possible to connect to a mobile telephone. That is particularly handy for security guards or car park attendants.

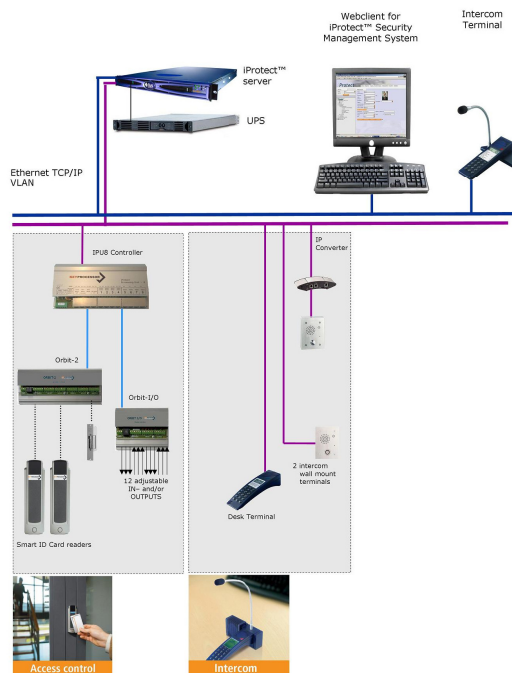
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Unique functionality within iProtect™

The integration of intercom within the iProtect™ Security Management System provides strong unity. As a result, the appropriate camera is brought into play when accepting an intercom call.

On the interactive floor-plan inside iProtect™ the location of the intercom call is visualised. In addition, the events of the intercom such as the call are linked, connected and recorded in the unique alarm handler from iProtect™. As a result, integration with other iProtect™ disciplines is certain and the operation of items such as a door or barrier can be activated.



Access request

If there is a request for access (by providing an access smartcard) a pop-up can automatically appear on the administrator's screen. After verification via a video and intercom link, access can be granted.

Quality

Commend has paid a huge amount of attention to the sound



quality by using well-known analogue techniques combined with digital signal processing (DSP). This, combined with the fact that technical modifications are made for specific market segments so that the sound is full and optimised for audibility in the environment in which they are used, is a distinguishing feature of Commend's quality level. Commend installations can be constructed traditionally or be fully IP or a mix of both. Keyprocessor offers the IP intercom posts as standard. It is also possible to integrate an existing, conventional system into the iProtect™ Security Management System. In this instance, we use IP converters.